

US LHC Accelerator Project		Baseline Change Request
BCR Number	34	
WBS	1.1.4 – IR Absorber Instrumentation	
Title	Delete IR absorber instrumentation fabrication milestones	
Change Control Level	2	
Originator	W. Turner	
Date	13 September 2001	

Description of change

BCR 24 authorized further development of an ionization chamber for luminosity measurement in the TAN, culminating in a test beam run in September 2001. However, approval of BCR 24 included the stipulation that this would “represent the last work done on the luminosity instrumentation as part of the US LHC Accelerator Project. A number of controlled milestones exist corresponding to the completion of the engineering design and to the fabrication and delivery of the luminosity instrumentation. This BCR deletes those milestones, since this work is no longer part of the Project.

Reason for change

To make the milestone table correspond to the current baseline technical program with respect to luminosity instrumentation.

Impact on other sub-systems

None.

Impact on cost

None.

Impact on schedule

The following milestones are deleted:

<u>Number</u>	<u>Description</u>	<u>Date</u>
2 -1.1- 21	Begin ionization chamber fabrication	1 Nov 2003
2 -1.1- 31	Complete ionization chamber fabrication	15 Sep 2004
3 -1.1.4- 12	Instrumentation Engineering Design Review	1 Apr 2002
3 -1.1.4- 13C	Ionization chamber functional and interface specifications approved	1 Jul 2002
3 -1.1.4- 15	Instrumentation Production Readiness Review	1 Jul 2003
3 -1.1.4- 16	Begin procurement and fabrication of instrumentation	1 Aug 2003
3 -1.1.4- 17	Complete fabrication of instrumentation	1 Jul 2004
3 -1.1.4- 18C	Ionization chambers shipped to CERN	1 Oct 2004

Other impacts (ES&H, etc.)

None

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Change Control Board recommendation (if required)


Approvals

WBS Level 3 Manager

Date

Laboratory Project Manager

Date




Change Control Board Chair

20 Sep 01
Date



US LHC Accelerator Project Manager

20 Sep 01
Date



DOE LHC Project Manager

9/20/01
Date

Director, DOE Division of High Energy Physics

Date